

Nikhil Neela | Resume

Fullstack Software Engineer

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Summary

A fullstack software engineer experienced in building high quality software products and solutions from end to end and capable of working in a fast paced dynamic environments. I am interested in developing scalable, performant, high quality frontend and backend applications.

Education

International Institute of Information Technology, Bangalore

M.Tech, Computer Science

Key Courses: Algorithms, Data Structures, Operating Systems, Object Oriented Analysis and Design, Database Systems

Scores: 3.37/4

Awards: Directors merit list student

Interests & Expertise

- o Interested in learning new innovations in software systems design which focuses on scale and performance.
- o Interested in design and implementation of software products from end to end frontend and backend.
- o Experienced in developing full stack web and mobile applications.
- o Experienced in developing cross platform mobile applications with focus on quality and reuseability.
- o Experienced in turning product specifications into reality by working with UX desingers.
- o Experienced in leading small teams & mentoring team members, contributing to technology, product & process initiatives.

Skills

Languages: C, C++, Java

Libraries & Frameworks: Reactjs, mobx, Spring Boot, expressjs

Databases: MySQL, DynamoDB

Dev Ops: Jenkins & Docker

Tools: Maven, Gradle & CMake

Version Control: Perforce & GIT

Experience

Adobe

Bangalore, India

Software Development Engineer 3

March, 2015 – Present

- o **Pulse** : Pulse lets Adobe apps & services deliver device-oriented notifications to Adobe users reliably across desktop, web and mobile in real-time with minimal integration effort. It's been extensively used across all three Adobe clouds, Experience Cloud, Document Cloud and Creative Cloud. I have been working on various features which include sending Group Notifications, Real time alerts, Ability to search notifications and template management. I have also redesigned and implemented the frontend for the service in reactjs to cater to experience cloud users.
- o **Project Gemini** : Gemini is a next generation drawing and painting app that combines the capabilites of both Adobe Draw and Adobe Sketch. I worked on a backend service that converts Draw and Sketch projects into Gemini compatible format. Handling this conversion at a large scale and outburst traffic patterns was a challenge to solve.
- o  **Adobe Draw**: A professional painting and drawing from adobe tragedted for large handheld devices like tablets. I worked on core features like drawing editor, brush and toolbar panels, layers editor, projects organiser, synchronising assets with Creative Cloud.
- o  **Adobe Shape**: Design and implementation of major portions of the app. Interacting with the shape generation library and workflows to save generated assets to Creative Cloud were the major contributions.

NetApp

Bengaluru, India

Member of Technical Staff

August, 2014 – Feb, 2015

- o Software developer working in Flex Array Virtualization (FAV) team.

- o Work involved in developing storage stack which virtualizes and allows customers to attach third party storage systems to our storage system.

Texas Instruments

Bengaluru, India

Software Developer

July, 2012 – July, 2014

- o A software framework developer for the next generation TI SOC platforms

- o The framework allows customers to quickly prototype and evaluate vision algorithms and create custom data flows involving Video capture, Video Processing and Video Display.

- o Worked extensively in developing plug and play components in C/C++.

IBM

Bengaluru, India

Software Development Intern, IBM India Software Labs

Feb, 2012 – June, 2012

Worked in AIX Performance tools development team. I was involved in developing tools that display statistics related to the four main subsystems of AIX operating system namely CPU, Memory, Disk and Network.